August 2009



#### DEPARTMENT OF EDUCATION

2008-2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards known as *Learning Results*. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test<sup>TM</sup> (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure academic achievement. This year, the mathematics portion of the SAT Reasoning Test<sup>TM</sup> was augmented with 11 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. The assessment continues to include science testing, which resumed last year after a two-year hiatus. The combined set of tests comprises the Maine High School Assessment (MHSA).

These 2008-2009 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science reported according to the academic standards described above and disaggregated by student and school characteristics. The MHSA achievement level standards for the 2009 critical reading, writing, mathematics and science sections of the MHSA were determined by Maine educators with specific expertise within the content areas. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores from the SAT may also be used for college admission by most students, they may not be used for that purpose if a student received accommodations during the test administration that exceeded those made available by the College Board.

These results reflect scores based on SAT, Math-A, and Science test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs an assessment design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: <a href="http://www.maine.gov/education/sat\_initiative/">http://www.maine.gov/education/sat\_initiative/</a>.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Susan A. Lendron

Sincerely,

Susan A. Gendron

Commissioner of Education



## SAU High School Report

Test Date: May 2009

Code: 1294

SAU: Five Town CSD

#### **Contents of the Report**

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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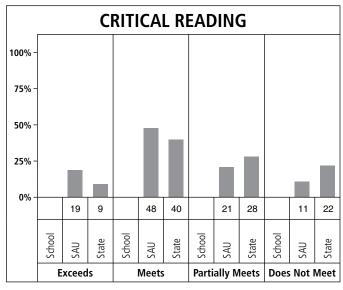


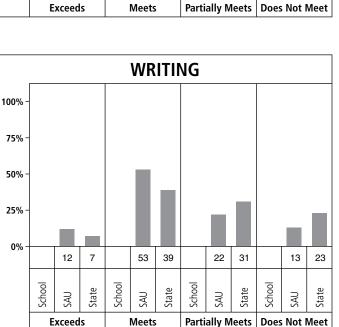
### **SUMMARY OF SCORES**

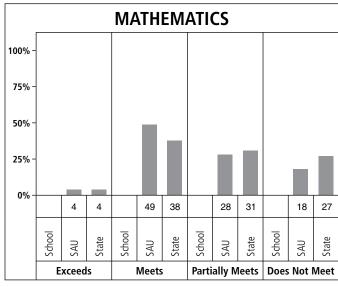
Test Date: May 2009 SAU: Five Town CSD

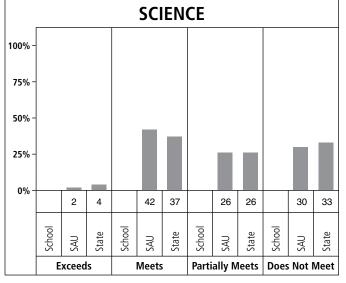
## Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
icui	School	SAU	State
Critical Reading 2006–2007 2007–2008 2008–2009 Cum Average*		1143 1146 <b>1147</b> 1145	1141 1141 <b>1141</b> 1141
Mathematics 2006–2007 2007–2008 2008–2009 Cum Average*		1142 1145 <b>1144</b> 1144	1140 1141 <b>1141</b> 1141
Writing 2006–2007 2007–2008 2008–2009 Cum Average*		1145 1146 <b>1146</b> 1146	1141 1140 <b>1140</b> 1140
Science 2008–2009**		1141	1140









<sup>\*</sup>Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

<sup>\*\*</sup>Because science standards were reset in May 2009, no historical data are available.



### **SUMMARY OF STUDENT PARTICIPATION**

Test Date: May 2009 Five Town CSD SAU:

		Er	rol	me	nt¹								CC	N	ΓΕΙ	NT.	AR	EΑ	PA	RT	TCI	PA	TIC	)N²						
CATEGORY OF	d	lurinç	g test	ing v	vindo	W		С	ritical	Read	ing				Mathe	ematic	s				Wri	ting					Sci	ence		
PARTICIPATION	Sch	hool	S	AU	St	ate	Scl	nool	S	AU	St	ate	Sc	hool	S	AU	St	ate	Scl	nool	SA	AU	Sta	ate	Scl	hool	S	AU	St	tate
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total number of students			168	100	15632	100			165	99	14928	96			166	99	15274	98			165	99	14926	96			163	97	15079	97
Ethnicity African American/Black			2	1	341	2			2	100	310	91			2	100	322	95			2	100	309	91			1	50	317	93
American Indian or Native Alaskan			1	1	111	1			1	100	101	91			1	100	107	96			1	100	101	91			1	100	103	93
Asian or Pacific Islander			2	1	241	2			2	100	221	92			2	100	229	95			2	100	221	92			2	100	227	94
Hispanic			1	1	166	1			1	100	156	94			1	100	162	98			1	100	156	94			1	100	155	93
Caucasian/White			162	96	14773	95			159	99	14140	96			160	99	14454	98			159	99	14139	96			158	98	14277	97
Not Reported			0	0	0	0			0	0	0	0			0	0	0	0			0	0	0	0			0	0	0	0
Identified disability			26	15	2327	15			24	92	2108	91			25	96	2200	95			24	92	2099	91			25	96	2140	92
Current LEP			2	1	262	2			2	100	232	89			2	100	246	94			2	100	231	88			2	100	240	92
Economically disadvantaged			34	20	4634	30			33	97	4263	92			33	97	4451	96			33	97	4262	92			32	94	4383	95
Migrant			0	0	5	0			0	0	4	80			0	0	5	100			0	0	4	80			0	0	5	100

MODE OF		C	ritical	Readi	ng				Mathe	matic	s				Wri	ting					Sci	ence		
	Sc	hool	S	AU	St	ate	Sc	hool	S	ΑU	St	ate	Sc	hool	S	AU	St	ate	Sc	hool	s	AU	St	ate
PARTICIPATION <sup>3</sup>	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations			141	84	13079	84			142	85	13417	86			141	84	13084	84			139	83	13288	85
Identified disability (PET/IEP)			6	4	727	6			7	5	814	6			6	4	725	6			7	5	802	6
LEP			0	0	170	1			0	0	181	1			0	0	170	1			0	0	177	1
504 plan			5	4	238	2			5	4	245	2			5	4	238	2			5	4	241	2
Participation with accommodations			22	13	1626	10			22	13	1636	10			22	13	1624	10			22	13	1579	10
Identified disability (PET/IEP)			16	73	1158	71			16	73	1165	71			16	73	1156	71			16	73	1126	71
LEP			2	9	56	3			2	9	59	4			2	9	55	3			2	9	57	4
504 plan			2	9	79	5			2	9	79	5			2	9	80	5			2	9	77	5
Other			3	14	360	22			3	14	360	22			3	14	360	22			3	14	345	22
Participation through alternate assessment (PAAP)			2	1	223	1			2	1	221	1			2	1	218	1			2	1	212	1
Identified disability (PET/IEP)			2	100	223	100			2	100	221	100			2	100	218	100			2	100	212	100
LEP			0	0	6	3			0	0	6	3			0	0	6	3			0	0	6	3
504 plan			0	0	0	0			0	0	0	0			0	0	0	0			0	0	0	0
Approved non-participation in reading – 1st year LEP			0	0	0	0																		
Approved non-participation – special consideration			1	1	24	0			1	1	34	0			1	1	24	0			0	0	26	0
Non-participation – other			2	1	680	4			1	1	324	2			2	1	682	4			5	3	527	3



### CRITICAL READING RESULTS

<b>ACHIEVEMENT LEVELS:</b> Achievement level definitions describe the quality of a student on state-level assessments in relation to the reading standards for achieving Maine's <i>Learning</i>		ST	JDENTS .	AT EACH	ACHIEVE	MENT LEV	'EL
Maine state-level assessments measure the knowledge and skills of students by sampling idea		Sch	ool	S	AU	Sta	ite
standards within reading at the grade level assessed. Evidence includes responses to multiple items in an "on demand" setting.	-choice	N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1162-1180)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*			19 27 <b>31</b> 77	12 20 <b>19</b> 17	1168 1184 <b>1339</b> 3691	8 8 <b>9</b> 8
<b>Meets the Standards</b> – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1142-1160)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*			74 56 <b>79</b> 209	45 41 <b>48</b> 45	5714 5885 <b>5897</b> 17496	38 40 <b>40</b> 40
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1130-1140)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*			37 32 <b>35</b> 104	22 24 <b>21</b> 22	4728 4093 <b>4169</b> 12990	31 28 <b>28</b> 29
<b>Does Not Meet the Standards</b> – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*			35 21 <b>18</b> 74	21 15 <b>11</b> 16	3444 3417 <b>3255</b> 10116	23 23 <b>22</b> 23



## **CRITICAL READING RESULTS** BY REPORTING SUBGROUPS

Test Date: May 2009 Five Town CSD SAU:

					Sc	hool							S	ΑU					St	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mear Scale Score
AU.O. 1 .	N	N	%	N	%	N	%	N	%		N	%	%	%	%	4447	N	%	%	%	%	444
All Students											163	19	48	21	11	1147	14660	9	40	28	22	114
Ethnicity																						
African American/Black											2						303	3	23	27	47	113
American Indian or Native Alaskan											1						100	5	27	30	38	1138
Asian or Pacific Islander											2						219	11	34	28	26	1141
Hispanic											1						151	3	34	33	30	1137
Caucasian/White											157	20	49	21	10	1148	13887	9	41	28	21	114
Not Reported											0						0					
Identified disability																						
Yes											22	0	23	41	36	1134	1865	1	11	24	64	1127
No											141	22	52	18	7	1150	12795	10	45	29	16	1143
											'''		02		1		12.00					
Current LEP														İ								
Yes											2						225	0	9	22	68	1126
No											161	19	48	22	11	1148	14435	9	41	29	21	1141
Economically disadvantaged																						
Yes											32	6	44	25	25	1140	4120	3	30	32	35	1136
No											131	22	50	21	8	1149	10540	11	44	27	17	1143
Migrant														İ			_					
Yes											0						3	_				
No											163	19	48	21	11	1147	14657	9	40	28	22	1141
Gender																						
Female											81	19	46	28	7	1148	7098	10	43	29	18	1142
Male											82	20	51	15	15	1147	7562	9	37	28	26	1140
Not Reported											0						0					
Title 4.6 towarted was sweet																						
Title 1A targeted program													50	F0		1144	004	2	00	00	44	1100
Yes											6 157	0 20	50 48	50 20	0 11	1144 1148	291 14369	3 9	28 40	28 28	41 22	1135
No											10/	20	40	20	11	1148	14309	9	40	20		114
Gifted/talented program														İ								
Yes											18	78	22	0	0	1167	520	52	45	3	1	1161
No											145	12	52	24	12	1145	14140	8	40	29	23	1140



#### MATHEMATICS RESULTS

Test Date: May 2009 SAU: Five Town CSD

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses STUDENTS AT EACH ACHIEVEMENT LEVEL on state-level assessments in relation to the mathematics standards for achieving Maine's Learning Results. Maine state-level assessments measure the knowledge and skills of students by sampling identified School SAU State standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting. Ν % Ν % Ν % Exceeds the Standards – The student's work demonstrates in-depth understanding of 2006-2007 8 578 essential concepts in mathematics, including the ability to make multiple connections 2007-2008 12 637 among central ideas. The student's responses demonstrate the ability to synthesize 7 2008-2009 596 information, analyze and solve difficult or unfamiliar problems, and apply complex Cum. Total\* 27 1811 concepts. (scaled score 1162-1180) Meets the Standards – The student's work demonstrates an understanding of essential 2006-2007 65 39 5481 36 concepts in mathematics, including the ability to make connections among central ideas. 2007-2008 67 49 5508 37 The student's responses demonstrate the ability to reason, analyze and solve problems, and 2008-2009 81 49 5674 38 Cum. Total\* 213 16663 37 apply concepts. (scaled score 1142-1160) Partially Meets the Standards – The student's work demonstrates incomplete 2006-2007 52 4754 31 31 understanding of essential concepts in mathematics and inconsistent connections among 2007-2008 35 26 5065 34 central ideas. The student's responses demonstrate some ability to analyze and solve 2008-2009 46 28 31 4622 Cum. Total\* 133 14441 32 problems and apply concepts. (scaled score 1134-1140) Does Not Meet the Standards – The student's work demonstrates limited understanding 2006-2007 25 4607 30 41 of essential concepts in mathematics and infrequent or inaccurate connections among 2007-2008 23 17 3660 25 central ideas. The student's responses demonstrate minimal ability to solve problems and 2008-2009 30 18 4116 27 Cum. Total\* 94 20 12383 27 apply concepts. (scaled score 1100-1132)



# MATHEMATICS RESULTS BY REPORTING SUBGROUPS

					Sch	nool							SA	ΑU					St	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	M	P	D	Mea Scalo Scor
All Students	N	N	%	N	%	N	%	N	%		N 164	% 4	% 49	% 28	% 18	1144	N 15008	% 4	% 38	% 31	% 27	114
											101	'		=0			10000				-	'''
thnicity																	045		45	-00	50	١.,
frican American/Black											2						315	1	15	29	56	1
merican Indian or Native Alaskan											1						106	1	20	31	48	1
sian or Pacific Islander											2						227	11	41	28	21	1
ispanic											1						157	1	27	25	46	1
Caucasian/White											158	4	51	28	17	1144	14203	4	39	31	27	1
ot Reported											0						0					
lentified disability																						
es											23	0	17	30	52	1134	1959	0	7	19	73	1
0											141	5	55	28	13	1145	13049	5	42	33	21	11
urrent LEP																						
es											2						239	0	14	24	62	1
0											162	4	49	28	18	1144	14769	4	38	31	27	1
											102		.0				11700			0.		'
conomically disadvantaged																						
'es											32	0	44	28	28	1140	4306	1	24	33	42	1
lo											132	5	51	28	16	1145	10702	5	43	30	21	1
/ligrant																						
'es											0						4					
lo											164	4	49	28	18	1144	15004	4	38	31	27	1
Gender																						
emale											81	4	43	35	19	1142	7248	3	38	33	27	1
Male											83	5	55	22	18	1145	7760	5	38	29	28	1
lot Reported											0						0					
itle 1A targeted program																						
es											6	0	17	67	17	1138	293	1	23	37	39	1
0											158	4	51	27	18	1144	14715	4	38	31	27	1
aifted/talented program																						
'es											18	17	78	6	0	1155	521	31	63	4	2	1
											146	3	46	31	21	1142	14487	3	37	32	28	1
0											140	3	40	ال	21	1142	1446/	١	3/	32	20	'



#### WRITING RESULTS

Test Date: May 2009 SAU: Five Town CSD

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses STUDENTS AT EACH ACHIEVEMENT LEVEL on state-level assessments in relation to the writing standards for achieving Maine's Learning Results. Maine state-level assessments measure the knowledge and skills of students by sampling identified School SAU State standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting. Ν % Ν % Ν % Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; 2006-2007 21 13 937 6 and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's 2007-2008 25 18 962 7 essay demonstrates an effectively developed and insightful point of view on the issue and outstanding 19 12 7 2008-2009 1062 critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The Cum. Total\* 65 7 14 2961 essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1162-1180) Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions 2006-2007 79 48 6167 41 that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an 60 2007-2008 44 5564 38 effectively developed point of view on the issue and strong critical thinking, with generally appropriate 2008-2009 86 53 5706 39 examples, reasons, and other evidence to support a position. The essay is well-organized and focused, Cum. Total\* 225 17437 39 demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1142-1160) Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage 2006-2007 37 22 4723 31 errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's 2007-2008 32 24 4679 32 essay demonstrates a developed point of view on the issue and some critical thinking, but may do so 2008-2009 36 22 4487 31 inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is Cum. Total\* 105 23 13889 31 generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1130-1140) Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage 2006-2007 28 17 3227 21 errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's 2007-2008 19 14 3376 23 essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, 2008-2009 22 13 3408 23 with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay Cum. Total\* 69 15 10011 23 is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)



# WRITING RESULTS BY REPORTING SUBGROUPS

					Sc	hool							SA	AU					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students											163	12	53	22	13	1146	14663	7	39	31	23	1140
Ethnicity																						
African American/Black											2						302	2	22	32	44	1133
American Indian or Native Alaskan											1						100	2	23	35	40	1134
Asian or Pacific Islander											2						219	10	37	27	26	1141
Hispanic											1						151	4	29	32	35	1135
Caucasian/White											157	12	54	21	13	1146	13891	7	40	31	23	1140
Not Reported											0						0					
Identified disability																						
Yes											22	0	23	36	41	1132	1861	0	8	21	71	1125
No											141	13	57	20	9	1148	12802	8	43	32	16	1142
Current LEP																						
Yes											2						224	0	8	28	64	1127
No											161	12	53	22	13	1146	14439	7	39	31	23	1140
Economically disadvantaged																						
Yes											32	6	34	28	31	1138	4121	2	27	33	38	1134
No											131	13	57	21	9	1147	10542	9	44	30	18	1142
Migrant																						
Yes											0						3					
No											163	12	53	22	13	1146	14660	7	39	31	23	1140
Gender																						
Female											81	14	49	28	9	1147	7103	9	43	31	17	1143
Male											82	10	56	16	18	1144	7560	6	35	30	30	1138
Not Reported											0						0					
Title 1A targeted program																						
Yes											6	0	50	50	0	1143	291	3	25	36	35	1135
No											157	12	53	21	14	1146	14372	7	39	30	23	1140
Gifted/talented program																						
Yes											18	61	39	0	0	1164	520	43	52	3	1	1159
No											145	6	54	25	15	1143	14143	6	38	32	24	1139
												-										
			1	1	1		1		1	1			;	:	;	1	1		;	:	:	1



#### SCIENCE RESULTS

Test Date: May 2009 SAU: Five Town CSD

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses STUDENTS AT EACH ACHIEVEMENT LEVEL on state-level assessments in relation to the science standards for achieving Maine's Learning Results. School SAU State Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of Ν % Ν % Ν % multiple-choice items and items requiring student-created responses in an "on demand" setting. Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and 2008-2009\* 4 2 602 4 explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1162-1180) Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses 2008-2009\* 67 42 5431 37 demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1142-1160) Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses 42 3876 2008-2009\* 26 26 demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1134-1140) Does Not Meet the Standards - The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's 2008-2009\* 48 30 4958 33 responses demonstrate minimal ability to solve problems, Explanations are illogical, incomplete, or

Learning Results		nber oints			erage Poi lumber a			
Content Standards	Pos	sible	Sch	nool	SA	\U	Sta	ate
	N	%	N	%	N	%	N	%
Science Total Points	56	100			24.08	43.0	22.76	40.6
D. The Physical Setting	34	61			14.34	42.2	13.63	40.1
D1/D2 Earth/Space	14	25			6.51	46.5	6.05	43.2
D3/D4 Matter and Energy/Force and Motion	20	36			7.83	39.2	7.58	37.9
E. The Living Environment	22	39			9.74	44.3	9.13	41.5

missing. There are many inaccuracies. (scaled score 1100-1132)

The MHSA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard D. The Physical Setting

- D1 Universe and Solar System
- D2 Earth
- D3 Matter and Energy
- D4 Force and Motion

Content Standard E. The Living Environment

- E1 Biodiversity
- E2 Ecosystems
- E3 Cells
- E4 Heredity and Reproduction
- E5 Evolution



# SCIENCE RESULTS BY REPORTING SUBGROUPS

					Sc	hool							SA	AU					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students											161	2	42	26	30	1141	14867	4	37	26	33	1140
Ethnicity																						
African American/Black											1						311	1	18	20	61	1133
American Indian or Native Alaskan											1						102	1	19	30	50	1135
Asian or Pacific Islander											2						225	5	40	20	36	1141
Hispanic											1						152	2	23	18	57	1136
Caucasian/White											156	3	42	26	29	1142	14077	4	37	26	32	1141
Not Reported											0						0					
Identified disability																						
Yes											23	0	9	30	61	1132	1928	0	9	18	72	1131
No											138	3	47	25	25	1143	12939	5	41	27	28	1142
Current LEP																						
Yes											2						234	0	10	11	79	1129
No											159	3	42	26	30	1141	14633	4	37	26	33	1140
Economically disadvantaged											04	0	00	00	50	1100	4004	0	04	00	47	1100
Yes No											31 130	0 3	26 45	23 27	52 25	1136 1143	4264	2 5	24 41	26 26	47 28	1136 1142
NO NO											130	3	45	21	20	1143	10603	5	41	20	20	1142
Migrant																						
Yes											0						4					
No											161	2	42	26	30	1141	14863	4	37	26	33	1140
Gender																						
Female											80	1	34	30	35	1139	7179	2	32	29	37	1139
Male											81	4	49	22	25	1143	7688	6	40	23	30	1142
Not Reported											0						0					
Title 1A targeted program																						
Yes											6	0	17	0	83	1134	287	2	23	26	49	1136
No											155	3	43	27	28	1142	14580	4	37	26	33	1140
Gifted/talented program																						
Yes											16	0	94	6	0	1153	517	28	65	6	1	1156
No											145	3	36	28	33	1140	14350	3	35	27	35	1140
INO											143	3	30	20		1170	14000		. 55		. 55	1140
															!							